Data Sheet

LIFEBOOK S7220
Your best friend on the move

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Fujitsu Siemens Computers is the leading European IT manufacturer. With a strategic focus on innovative mobility and the dynamic data center, we offer a unique range of products and services from notebooks and desktops to servers and IT infrastructure solutions. Famous German engineering and exceptional in-house quality testing capabilities in our test centers ensure extraordinary product quality and reliability across all product lines.

LIFEBOOK S7220
The LIFEBOOK S7220 offers the perfect balance between low weight and high-end performance. Weighing only 2.2 kg this is the ideal choice in the 14.1-inch notebook segment. A flexible modular bay, port replicator and a long battery life make work easy. Integrated 3G/UMTS and the optional ConfCamera enable connectivity anytime, anywhere.

Ergonomic working
Enjoy constant access to all your data thanks to a versatile mobile device.
- A slim and lightweight notebook, weighing only 2.2 kg, with a 14.1-inch WXGA or WXGA+ display that can run up to 8 hours with a second battery

Maximum connectivity
Available everywhere: wireless connectivity anytime anywhere even if there is no hotspot.
- Optional integrated 3G/UMTS, WLAN and Bluetooth

Reliable companion
Secure and effective working even for the most demanding of users in all situations.
- Spill-proof keyboard, shock sensor and further innovative highlights
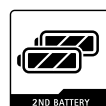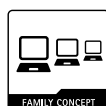
Maximum security
Protect your company data against unauthorized third-party access.
- Benefit from our end-to-end anti-theft concept, system- and user protection, such as fingerprint sensor, TPM module, and SmartCase Logon+

Security
Protect your business intelligence and keep your data confidential.
- Benefit from our holistic concept of theft protection plus system and user security.

SIERRA WIRELESS
EM POWERED

Green IT | BEST CONNECTIVITY | SYSTEM GUARDS | ULTIMATE SECURITY | FAMILY CONCEPT | 2ND BATTERY | INFORMATION DISPLAY | CONFCAM | TWINLOAD

Components

Processor	Intel® Core™2 Duo T9600 (2.8 GHz, 6 MB, 1066 MHz) Intel® Core™2 Duo T9400 (2.53 GHz, 6 MB, 1066 MHz) Intel® Core™2 Duo P8600 (2.4 GHz, 3 MB, 1066 MHz) Intel® Core™2 Duo P8400 (2.26 GHz, 3 MB, 1066 MHz)
Memory modules	2 GB (1 x 2 GB, DDR3), 1066 MHz 1 GB (1 x 1 GB, DDR3), 1066 MHz
Hard disk drives (internal)	320 GB, 5400 rpm, SATA, 2.5-inch S.M.A.R.T. 160 GB, 7200 rpm, SATA, 2.5-inch S.M.A.R.T. 160 GB, 5400 rpm, SATA, 2.5-inch S.M.A.R.T. 120 GB, 5400 rpm, SATA, 2.5-inch S.M.A.R.T.
Hard disk notes	ShockSensor for HDD shock protection One Gigabyte equals one billion bytes, when referring to hard disk drive capacity.
Display	14.1-inch TFT 1400 x 900 pixel (WXGA+) 14.1-inch TFT 1280 x 800 pixel (WXGA)
WLAN (optional)	Atheros Minicard b/g 802.11 b/g Intel® Wireless WiFi Link 5300 AGN 11/13ch
UMTS/HSUPA (optional)	Sierra Wireless MC8790 (downlink 7.2 MBit/s, uplink 2.0 MBit/s)
Modular bay options	2nd battery 2nd hard disk drive DVD Super Multi Weight saver

Base unit	LIFEBOOK S7220 14.1-inch	LIFEBOOK S7220 14.1-inch
General system information		
Chipset	Intel® GM45, ICH 9-M	Intel® GM45, ICH 9-M
BIOS features	BIOS based on Phoenix TrustedCore Notebook	BIOS based on Phoenix TrustedCore Notebook
Memory slots	2 DIMM	2 DIMM
Turbo memory	Optional 4 GB	Optional 4 GB
Supported capacity RAM (max.)	4 GB	4 GB
Memory notes	8 GB - with future memory models.	8 GB - with future memory models.
Interfaces		
Memory card slots	1	1
ExpressCard slots	1	1
SmartCard slot	1	1
SIM card slot	1	1
Modem (RJ-11)	1	1
USB 2.0 total	3	3
VGA	1	1
Ethernet (RJ-45)	1	1
DC-in	1	1
Audio: line-in / microphone	1	1
Audio: line-out / headphone	1	1
Internal microphones	2	2
Docking connector for Port Replicator	1	1
Kensington Lock support	1	1
Wired communication		
Modem type	56 K V.92 modem MDC1.5	56 K V.92 modem MDC1.5
LAN	Built-in 10/100/1000 MBit/s Marvell 88E8055	Built-in 10/100/1000 MBit/s Marvell 88E8055
Wireless technologies		
Antennas	3 dual band antennas, 2 UMTS antennas	3 dual band antennas, 2 UMTS antennas
WLAN notes	Import and usage according to country-specific regulations.	Import and usage according to country-specific regulations.
UMTS	Optional	Optional
Keyboard and pointing devices		
	Number of keyboard keys: 82, Keyboard pitch: 19 mm, Keyboard stroke: 2.7 mm TouchStick TouchPad with two mouse buttons and one scroll button Second set of mouse buttons Application buttons LockWorkstation button MobilityCenter button EcoButton Status LED	Number of keyboard keys: 82, Keyboard pitch: 19 mm, Keyboard stroke: 2.7 mm TouchStick TouchPad with two mouse buttons and one scroll button Second set of mouse buttons Application buttons LockWorkstation button MobilityCenter button EcoButton Status LED Fingerprint sensor
Multimedia		
Audio type	On board	On board
Audio codec	Realtek ALC269	Realtek ALC269
Audio features	Stereo speakers, 2 internal microphones	Stereo speakers, 2 internal microphones

Multimedia

Camera	Optional: Built-in ConfCamera, 1.3 megapixel, VGA camera	Optional: Built-in ConfCamera, 1.3 megapixel, VGA camera

Graphics

max. resolution external display	1920 x 1200 pixel	1920 x 1200 pixel
Graphics brand name	Mobile Intel® GMA 4500M HD	Mobile Intel® GMA 4500M HD
Graphic features	DualView (Windows XP & Windows Vista)	DualView (Windows XP & Windows Vista)

Power supply

AC adapter	19 V / 80 W (4.22 A)	19 V / 80 W (4.22 A)
Rated voltage range	100 - 240 V (AC Input)	100 - 240 V (AC Input)
Rated frequency range	50 - 60 Hz	50 - 60 Hz
1st battery	1st Li-Ion battery 6-cell, 5800 mAh, 62 Wh	1st Li-Ion battery 6-cell, 5800 mAh, 62 Wh
2nd battery	2nd Li-Ion battery 6 cell (Option), 3800 mAh, 41 Wh	2nd Li-Ion battery 6 cell (Option), 3800 mAh, 41 Wh
Benchmark	Mobile Mark 2005	Mobile Mark 2005
Runtime 1st battery	up to 5 h	up to 5 h
Runtime 1st + 2nd battery	up to 8 h	up to 8 h
Battery notes	Disclaimer: Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Battery recharge time depends on usage.	Disclaimer: Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Battery recharge time depends on usage.

Dimensions / Weight / Environmental

Operating ambient temperature	5 - 35 °C	5 - 35 °C
Operating relative humidity	20 - 80 %	20 - 80 %
Dimension (W x D x H)	334 x 242 x 31 - 37 mm	334 x 242 x 31 - 37 mm
Weight	2.2 kg	2.2 kg
Weight notes	Weight may vary depending on actual configuration.	Weight may vary depending on actual configuration.

Operating system

Operating system optional preinstalled	Microsoft® Windows Vista® Home Basic Microsoft® Windows Vista® Business 32bit TwinLoad Microsoft® Windows® XP Professional (DVD)	Microsoft® Windows Vista® Home Basic Microsoft® Windows Vista® Business 32bit TwinLoad Microsoft® Windows® XP Professional (DVD)
Operating system notes	Driver support for Microsoft Windows XP	Driver support for Microsoft Windows XP

Additional Software

Additional software (preinstalled)	Adobe Acrobat Reader Application panel tool Eco Power Saving Utility EasyGuide online user documentation Nero Essentials (burning software) Norton Internet Security (incl. Firewall) on Drivers & Utilities DVD for Microsoft Windows XP Drivers & Utilities DVD (DUDVD) Toshiba Bluetooth Stack	Adobe Acrobat Reader Application panel tool Eco Power Saving Utility EasyGuide online user documentation Nero Essentials (burning software) Norton Internet Security (incl. Firewall) on Drivers & Utilities DVD for Microsoft Windows XP Drivers & Utilities DVD (DUDVD) Toshiba Bluetooth Stack
Additional software (optional)	Windows Vista® recovery media Drivers & Utilities DVD (DUDVD) UMTS connection manager (optional with UMTS) SmartCase Logon+	Windows Vista® recovery media Drivers & Utilities DVD (DUDVD) UMTS connection manager (optional with UMTS)
Additional software (included as a CD/DVD)		SmartCase Logon+

Manageability

Manageability features	DeskUpdate Driver management DeskView Migrate (optional) DeskView Control (optional)	DeskUpdate Driver management DeskView Migrate (optional) DeskView Control (optional)
Manageability type	DeskView 10.x client management including:	DeskView 10.x client management including:
DeskView features	On/Offline remote client management Detailed system inventory management and reports BIOS Management Remote power management System notifications Security Remote Control DeskView Helpdesk Integration WoL (Wake on LAN)	On/Offline remote client management Detailed system inventory management and reports BIOS Management Remote power management System notifications Security Remote Control DeskView Helpdesk Integration WoL (Wake on LAN)
Supported standards	WMI PXE BootP (made4you)	WMI PXE BootP (made4you)
Manageability link	http://www.fujitsu-siemens.com/solutions/it_infrastructure_solutions/manageability/featurefinder.html	http://www.fujitsu-siemens.com/solutions/it_infrastructure_solutions/manageability/featurefinder.html

Security

Physical security	Kensington Lock support	Kensington Lock support
System security	Optional: Trusted plattform module (TPM 1.2) Symantec Norton Internet Security (90 day test version)	Optional: Trusted plattform module (TPM 1.2) Symantec Norton Internet Security (90 day test version)

Security

User security	User and supervisor BIOS password SystemLock BIOS SmartCard security Integrated SmartCard controller in PC Card with system lock support Separate SmartCard slot Optional: SmartCase Logon+ Hard disk password	User and supervisor BIOS password SystemLock BIOS SmartCard security Integrated SmartCard controller in PC Card with system lock support Separate SmartCard slot Optional: SmartCase Logon+ Hard disk password Integrated Fingerprint Sensor

Compliance

USA/Canada	FCC Class B (Depending on wireless configuration)
Compliance link	https://sp.fujitsu-siemens.com/sites/certificates/default.aspx

Portreplicator interfaces (optional)

DC-in	1
Power on switch	1
Headphones	1
Microphones	1
USB 2.0 total	4
VGA	1
DVI	1 (with HDCP Support)
Serial (RS-232)	1
Mouse / Keyboard (PS/2)	1
Ethernet (RJ-45)	1
Parallel	1
Kensington Lock support	2

Warranty

Standard Warranty	2 years
Service level	Collect & Return Service / Bring-In Service (depending on country)

Maintenance and Support Services - the perfect extension

Recommended Service	3 years, On-site Service
Spare Parts availability	5 years
Service Weblink	www.fujitsu-siemens.com/Supportservice

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QUALITÄTSPREIS

Information about environmental care, policies, programs and our Environmental Guideline FSC 03230:
http://www.fujitsu-siemens.com/aboutus
Take back and Recycling information:
http://www.fujitsu-siemens.com/recycling